



PF 1700

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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/072811
	Filing Date	February 8, 2002
	First Named Inventor	Joan Wang
	Group Art Unit	1763
	Examiner Name	Roberts P. Culbert
Total Number of Pages in This Submission	Attorney Docket Number	LIGHT1901

ENCLOSURES (check all that apply)		
Fee Transmittal Form	Assignment Papers <i>(for an Application)</i>	After Allowance Communication to Group
Fee Authorized	Drawing(s)	Appeal Communication to Board of Appeals and Interferences
X Amendment	Licensing-related Papers	Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i>
X After Final	Petition to Convert to a Provisional Application	Proprietary Information
Affidavits/declaration(s)	Power of Attorney, Revocation Change of Correspondence Address	Status Letter
Extension of Time Request	Terminal Disclaimer	Other Enclosure(s) <i>(please identify below):</i>
Express Abandonment Request	Request for Refund	X Postcard
Information Disclosure Statement	CD, Number of CD(s) _____	
Certified Copy of Priority Document(s)	Remarks	
Response to Missing Parts/ Incomplete Application		
Response to Missing Parts under 37 CFR 1.52 or 1.53		

Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)
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The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2326. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Dated: 7/23/03

By: [Signature]

Phone: (760) 731-3091
Fax: (760) 728-1541

Attorneys for Applicant(s)

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail			
In an envelope addressed to: Commissioner of Patents and Trademarks, Washington, DC 20231 on this date: <u>7/23/03</u>			
Typed or printed name	TRAVIS DODD		
Signature	<u>[Signature]</u>	Date	<u>7/23/03</u>

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Joan Wang

Serial No.: 10/072,811

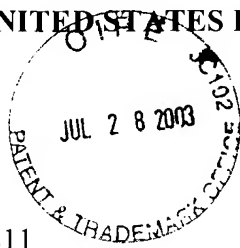
Filed: February 8, 2002

For: **Formation of an Optical Component Having Smooth Sidewalls**

Group No.: 1763

Examiner: Roberts P. Culbert

Docket No. LIGHT1901



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CERTIFICATION UNDER 37 CFR § 1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on this date 2/23/03, in an envelope addressed to:
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P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

AMENDMENT AND REQUEST FOR RECONSIDERATION

In response to the Office Action mailed April 23, 2003, please amend the application as follows:

IN THE SPECIFICATION

Please amend paragraph [0004] as follows:

The amount of scattering at a surface increases as the roughness of the surface increases. The sidewalls of a waveguide are often formed by etching an optical component according to the Bosch process. The Bosch process employs alternating application of a passivant and an etchant. The alternating steps of the Bosch process result in sidewalls with an undesirably high level of roughness. For instance, the Bosch method typically provides a roughness of about 220 nm.